

Tridak® Model 2200 Cartridge Filling Systems

Tridak® Model 2200 cartridge filling systems offer accurate, and consistent filling of most single- and dual-component cartridges and syringes. These cartridges and syringes are typically used for packaging epoxies, dental materials, silicones, and pastes. These systems are pneumatically operated and feature an automatic, operator-initiated fill cycle with adjustable fill speed and level. They utilize a bottom-up filling process with a special low-clearance nozzle to purge air during the filling process. This provides an accurate fill each time. The systems also incorporate disposable fluid path technology. Materials travel from the reservoir to the fill nozzle through a disposable fluid path, sealing out any contaminants. The fluid path is easy to replace, allowing for the quick changeover of materials.

Systems are most commonly fed from a stainless steel 5-, 10-, or 15-gallon reservoir containing a rigid or flexible polypropylene liner insert. The rigid reservoir liner insert can be treated as a permanent container or can be easily removed and covered to store the materials safely. The flexible liner is disposable, eliminating long-standing problems of clean-up. The system can also be fed from external tanks or drums using optional pumps.

Features & Benefits:

- Fills both single- and dual-component cartridges and syringes
- Utilizes disposable fluid path valve technology which eliminates cross-contamination and minimizes clean-up and downtime during product changeover
- All pneumatic operation with automatic fill and shut-off
- Fills one side of the cartridge at a time to prevent cross contamination
- Bottom-up, void-free filling
- Adjustable fill speed and fill level with consistent accuracy
- Swing valve assures clean material shut-off and easy access for cleaning
- Compatible with 5, 10, or 15 gallon reservoirs and can be adapted for feeding from a drum
- Low cost 5, 10, or 15 gallon quick change polypropylene reservoir insert system that can be treated as permanent containers or, alternatively, can be easily removed to store materials in a safe economic manner
- CE marked for distribution in Europe



Model 2200 Outfitted with a 10-Gallon Pressure Pot

SPECIFICATIONS	
Operating Air Pressure	60-80 psi (0.41-0.55 MPa), 50 micron filtered, non-lubricated, dry air
Compatible Viscosity Range	1,000 - 100,000 cP
Compatible Sizes	Cartridges and syringe barrels up to 500 mL Maximum cartridge height: Standard: 7 in (18 cm) Extended: 11 in (28 cm) Maximum cartridge/piston diameter: 2.5 in (6.5 cm)
Dimensions* (L x W x H)	Standard: 16.25" x 16.25" x 27" (41.28 cm x 41.28 cm x 68.58 cm) Extended: 16.25" x 16.25" x 33" (41.28 cm x 41.28 cm x 83.82 cm)

* Dimensions are for the system base without a reservoir attached.

Available System Packages

All systems include the Model 2200 filling system outfitted with a Model 920 swing valve (**T15196**) and a selected reservoir.

Select System Based on Fluid Package Used			
	No Reservoir	Modified Reservoir Options	
		5 Gallon Reservoir	Up to 10 Gallon Reservoir
			
Model 2200 Standard	T10071	T17870	T17871
Model 2200 Extended	T18725	-	-

Recommended Spare Parts/Accessories

- T10015** Reservoir Liner Assembly, 5 Gallon
- T15337** Reservoir Liner Assembly, 10 Gallon
- T10105** Tridak® Standard Piston Inserter with 1 Set of Tooling



© 2016-2019 Dymax Corporation. All rights reserved. All trademarks in this guide, except where noted, are the property of, or used under license by Dymax Corporation, U.S.A.

Please note that most filling and repackaging system applications are unique. Dymax does not warrant the fitness of the product for the intended application. Any warranty applicable to the product, its application and use is strictly limited to that contained in Dymax standard Conditions of Sale published on our website. Dymax recommends that any intended application be evaluated and tested by the user to ensure that desired performance criteria are satisfied. Dymax is willing to assist users in their performance testing and evaluation. Data sheets are available for valve controllers or pressure pots upon request. PB020 1/28/2019

Dymax Corporation
+1.860.482.1010 | info@dymax.com | www.dymax.com

Dymax Europe GmbH
+49 611.962.7900 | info_de@dymax.com | www.dymax.de

Dymax Engineering Adhesives Ireland Ltd.
+353 21.237.3016 | info_ie@dymax.com | www.dymax.ie

Dymax Oligomers & Coatings
+1.860.626.7006 | info_oc@dymax.com | www.dymax-oc.com

Dymax UV Adhesives & Equipment (Shanghai) Co. Ltd.
+86.21.37285759 | dymaxasia@dymax.com | www.dymax.com.cn

Dymax UV Adhesives & Equipment (Shenzhen) Co. Ltd.
+86.755.83485759 | dymaxasia@dymax.com | www.dymax.com.cn

Dymax Asia (H.K.) Limited
+852.2460.7038 | dymaxasia@dymax.com | www.dymax.com.cn

Dymax Asia Pacific Pte. Ltd.
+65.6752.2887 | info_ap@dymax.com | www.dymax-ap.com

Dymax Korea LLC
+82.2.784.3434 | info_kr@dymax.com | www.dymax.com/kr